

Application No. 09/644,676  
Amendment dated March 26, 2004  
In response to Office Action dated: September 26, 2003

### Amendments to the Claims

A complete list of all the presently or formerly pending claims in the application is provided below, with suitable headings to show the status of each claim and, where appropriate, its current text. This listing of claims will replace all prior versions, and listings of claims in this application.

#### **Listing of Claims**

Claims 1-6: (Cancelled).

Claim 7: (Currently amended) A kit for determining the period of ovulation comprising of a subject using a secretion from the vagina, comprising: a first component, a second component separately disposed from the first component, a transparent container and cotton sticks, wherein said first component contains 5-8% by weight 1-10% aqueous solution of a substance which can conduct a color reaction with hydrogen peroxide, said second component is a 1-10% 4-8% by weight aqueous solution of hydrogen peroxide, and the ratio between said first component and said second component is of 10-20:1 by volume.

Claim 8: (Currently amended) The kit as claimed in claim 7, wherein said first component may further contain contains a stabilizing agent with a content of 0.01-0.02% by weight.

Claim 9: (Previously presented) The kit as claimed as in claim 7, wherein said substance in said first component is selected from benzidine compounds.

Claim 10: (Previously presented) The kit as claimed as in claim 9, wherein said substance in said first component is selected from the group consisting of benzidine, tetramethyl benzidine, diaminobenidine, o-tolidine, o-dianisidine and an inorganic salts thereof.

Claim 11: (Currently amended) The kit as claimed as in claim 7, wherein said substance in said first component may be is selected from the group consisting of 3-amino-9-ethylcarbazole, 4-

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methyoxy- $\alpha$ -naphthol, o-phenylenediamine, 5-aminosalicylic acid, 2,2-azo-di(3-ethylbenzothiazoline-6-sulfonate), pyrogallol, and o-methoxyphenol.

Claim 12: (Currently amended) A use of an ovulation-period-detecting reagent A method for determining whether a subject is in the period of ovulation, comprising the steps of:

mixing a first component with a second component in the ratio of 10-20:1 by volume to obtain a reactive mixture; and  
placing a secretion collected from the vagina of the subject into the resultant solution reactive mixture to observe whether or not a color reaction occurs,

wherein said first component contains a  $\pm$ 10% 5-8% by weight aqueous solution of a substance which can conduct a color reaction with hydrogen peroxide and said second component is a  $\pm$ 10% 4-8% by weight aqueous solution of hydrogen peroxide, and the occurrence of the color reaction indicates the subject is not in the period of ovulation.

Claim 13: (Currently amended) The use method as claimed in claim 12, wherein said first component may further contain contains a stabilizing agent with a content of 0.01-0.02% by weight.

Claim 14: (Currently amended) The use method as claimed as in claim 12, wherein said substance in said first component is selected from benzinide compounds.

Claim 15: (Currently amended) The use method as claimed as in claim 14, wherein said substance in said first component is selected from the group consisting of benzidine, tetramethyl benzidine, diaminobenidine, o-tolidine, o-dianisidine and an inorganic salts thereof.

Claim 16: (Currently amended) The use method as claimed in claim 12, wherein said substance in said first component may be is selected from the group consisting of 3-amino-9-ethylcarbazole, 4-methyoxy- $\alpha$ -naphthol, o-phenylenediamine, 5-aminosalicylic acid, 2,2-azo-di(3-ethylbenzothiazoline-6-sulfonate), pyrogallol, and o-methoxyphenol.